Subject Index

(A) = Abstract

Activation time, right ventricular apical, in children, *47*

Adrenergic intervention, age-related changes in chronotropic and dromotropic responses to, (A) *173*

Alpha blockade in pulmonary hypertension, *89*

Anemia, sickle cell, myocardial function during exercise in, (A) *167*

Aneurysm, myocardial, associated with disseminated cytomegalovirus infection, *63*

Angiography, radionuclide, for evaluation of left ventricular performance in infants and children, *115*

radionuclide, in atrial septal defect, (A) *168*

retrograde cardiovascular, in infants, *225*

Aorta, right descending, and aortic arch interruption, *153*

Aortic arch anomalies, dimensional, and abnormal left ventricular muscle bundles, *107*

interruption, ductus arteriosus and associated cardiac anomalies, in *185*

interruption, with right descending aorta, *153*

visualization by 2-D echocardiography, *277*

Aortic atresia and hypoplastic left ventricle in newborns, *95*

valvular, associated with cardiovascular anomalies, *99*

Aortic coarctation, in neonate, percutaneous balloon dilatation of, (A) *165*

Aortic root, echocardiographic assessment of, in left ventricular hypoplasia, *19*

Aortography, via radial artery (countercurrent injection), in infants with CHD, *231*

Arterial venous fistula, congenital pulmonary, causing pulmonary arterial steal syndrome, *313*

Arrhythmias, diagnosis and therapy of, in congestive failure in the fetus, treated with digoxin, (A) *175*

Atresia, aortic, and hypoplastic left ventricle in newborns, *95*

aortic, valvular, associated with cardiovascular anomalies, *99*

tricuspid, a historical review of, *85*

Atrial, dysrhythmia (multifocal or chaotic) in infants, *179*

fibroma, successful excision in infancy, *323*

septal defect, quantification of, by radionuclide angiocardiography, (A) *168*

septostomy catheter, fatal over-distention of, *255*

tumor, and mitral valve echocardiograms, *77*

tumor, successful excision of, in infancy, *323*

Atrioventricular canal with cleft mitral valve, *289*

Autonomic control of heart rate, (A) *174*

AV node and sinus dysfunction in patients with ASD, (A) *177*

Bacterial endocarditis and renal failure (case report), *259*

Balloon atrial septostomy, over-distention of balloon in, *255*

dilatation, percutaneous, of experimental neonatal aortic coarctation, (A) *165*

Block, heart, in children: subsidiary ventricular pacemaker recovery times, *39*

Blockade, alpha, in pulmonary hypertension, *89*

Blood velocity in pulmonary stensosis causing unequal pressures in central pulmonary arterial branches, *7*

Calcium uptake, reoxygenation-induced, in rabbit heart (role of mitochondria), (A) *163*

Cardiac abnormalities in children with hyperthyroidism, *215*

anomalies and ductus arteriosus in aortic arch interruption, *185*

catheterization, complications of after "cardiac cocktail", *251*

conduction abnormalities in children with Duchenne's progressive muscular dystrophy, (A) *173*

conduction defect, progressive, and cardiomyopathy in siblings, *57*

disease, congenital, hypercarbia in infants with, *245*

distress with right to left atrial shunt without CHD, *1*

enlargement in a normal infant, *263*

function, preservation of, in the stressed embryo, (A) *165*

patients, pediatric, exercise program for, (A) *166*

rate and rhythm in normal newborns, *33*

Cardiology, Progress in (book review), *91*

Cardiomegaly in a normal infant, *263*

Cardiomyopathy and progressive cardiac conduction defect in siblings, *57*

idiopathic restrictive: clinical, hemodynamic and M-mode echocardiographic findings, (A) *171*

Cardiovascular anomalies in aortic valvular atresia, *99*

Carotid hypoplasia in Goldenhar syndrome, *297*

Catheter, atrial septostomy, fatal overdistention of, *255*

induced RBBB in children, (A) *177*

Chaotic atrial rhythm in infants, *179*

Children, healthy, physical working capacity of, (A) *166*
Cholinergic innervation in developing mammalian ventricle, (A) *174*
Chronotropic and dromotropic responses to adrenergic intervention in the developing puppy, (A) *173*
Cineangiography, axial, in endocardial cushion defect, *289*
magnification of, in infants with CHD (external grid correction), (A) *169*
Coarctation, experimental neonatal aortic, percutaneous balloon dilatation of, (A) *165*
Conduction, cardiac, abnormalities in children with Duchenne's progressive muscular dystrophy, (A) *173*
defect in catheter-induced right bundle branch block, site of, (A) *177*
defect, progressive cardiac, and cardiomyopathy in siblings, *57*
system in Pompe's disease, *25*
Conduits, right heart to pulmonary artery, hemodynamic findings in patients with, (A) *171*
Congenital heart disease, evaluation of right ventricular contractility in, (A) *170*
and myocardial injury in infants (creatinekinase MB isoenzyme analysis), (A) *172*
and Pierre Robin syndrome, *307*
prognosis of, in neonate and young infants, (A) *168*
Congenital heart surgery causing ventricular dysrhythmias, (A) *163*
Congestive failure and arrhythmias of the fetus treated with digoxin, (A) *175*
Contractility, right ventricular, in children with CHD, (A) *170*
Contrast echocardiography in diagnosis of patent ductus arteriosus in preterm infants, *271*
in persistent fetal circulation, (A) *175*
Coronary artery abnormalities in children with mucocutaneous lymph node syndrome, (A) *177*
disease victims, young, coronary risk factors in families of, (A) *168*
fistula, spontaneous closure of, *311*
to right ventricle fistula, echocardiographic detection of, *145*
Coronary risk factors in families of young coronary artery disease victims, (A) *168*
Cor triatriatum associated with anomalous pulmonary systemic venous connection, successful management of, in infancy, *319*
Countercurrent injection of radial artery in infants with CHD, *231*
Countershock, electric, myocardial damage due to, in newborn piglets, *281*
Creatine kinase MB isoenzyme analysis in myocardial injury in infants with CHD, (A) *172*
Cyanosis in the newborn caused by right pulmonary artery to left atrium communication, *149*
persistent, due to congenital pulmonary arterial venous fistula, *313*
Cytomegalovirus infection, disseminated, and myocardial aneurysm, *63*

Decorticate posture after "cardiac cocktail," *251*
Defect, atrial septal, quantification of, by radionuclide angiocardiography, (A) *168*
ventricular septal, with silent discrete subaortic stenosis, *269*
Digoxin in treatment of arrhythmias and congestive failure of the fetus, (A) *175*
Dilantin, intravenous, in ventricular dysrhythmias in children, (A) *176*
Dimensional aortic arch anomalies and abnormal left ventricular muscles bundles, *107*
Diphenhydramine injection for transient decorticate posture after premedication, *251*
Disease, Kawasaki, prospective evaluation of patients with, (A) *178*
Dobutamine response of developing canine ventricular muscle, (A) *175*
Doppler, pulsed, echocardiographic detection of coronary artery to right ventricle fistula, *145*
Dromotropic and chronotropic responses to adrenergic intervention, age-related changes of, (A) *173*
Duchenne's progressive muscular dystrophy: cardiac conduction abnormalities in, (A) *173*
Ductus arteriosus and associated cardiac anomalies in aortic arch interruption, *185*
patency of, with prostaglandin E administration, *303*
patent, detection of by contrast echocardiography, *271*
patent, ligation of, in newborn intensive care unit, *15*
patent, surgical treatment of, in preterm infants, *15*
Ductus-dependent CHD, use of prostaglandin E in, *303*
Dysfunction, occult left ventricular, in children with sepsis, (A) *171*
Dysplasia, oculoauriculovertebral, with cardiac, pulmonary and vascular malformations, *297*
Dysrhythmia, atrial, in infants (multifocal or choatic), *179*
ventricular, after congenital heart surgery (a canine model), (A) *163*
ventricular, in children treated with intravenous dilantin, (A) *176*

Echocardiography, assessment of aortic root in left ventricular hypoplasia, *19*
determination of left ventricular size: relation to mortality in infants with severe left ventricular outflow obstruction, (A) *170*
findings in Rocky Mountain spotted fever, (A) *170*
mitral valve echocardiogram mimicking atrial tumor, *77*
Echocardiography, contrast, in persistent fetal circulation, (A) *175*
in cardiomegaly in normal infants, *263*
in diagnosis of tricuspid valve endocarditis, *141*
in visualization of the aortic arch, *277*
M-mode, in D-transposition of the great arteries, *131*
precordial, for diagnosis of patent ductus arteriosus in preterm infants, *271*
2-D, in diagnosis of left ventricular rhabdomyoma with subaortic stenosis, *67*
Echogram, pulmonary valve, and pulmonary arterial pressures, *123*
Ejection fraction, reduced radionuclide, after open heart surgery, (A) *168*
Electric countershock, myocardial damage due to, in newborn piglets, *281*
Embryo, preservation of cardiac function in, (A) *165*
Endocardial cushion defect (angiography and echocardiography), *289*
Endocarditis, bacterial, and renal failure (case report), *259*
of tricuspid valve, echocardiographic diagnosis of, *141*
Esophageal pacing in supraventricular tachycardia, (A) *176*
Excitation-contraction coupling: ionic dependence on contraction, (A) *163*
Exercise induced ventricular tachycardia, *51*
myocardial perfusion in dogs, effects of left ventricular obstruction on, (A) *164*
oxygen uptake kinetics in, (A) *166*
program for pediatric cardiac patients, (A) *166*
response of right and left ventricle after Mustard's procedure, (A) *167*

Fetal circulation, persistent, studied by contrast echocardiography, (A) *175*
Fetus, arrhythmias and congestive failure in, (A) *175*
Fibroma, cardiac, successful excision of in infancy, *323*
Fistula, coronary artery, spontaneous closure of, *311*
to right ventricle, echocardiographic detection of, *145*

Goldenhar syndrome, *297*
Grid correction in cineangiography of infants with CHD, (A) *169*

Heart block in children, *39*
rate, autonomic control of, in puppies, (A) *174*
rate, effect of, on myocardial function in newborn lamb, (A) *174*
Hemodynamic effects of inotropic agents in VSD, (A) *164*
of intraatrial repair of transposition, *203*
Holter monitoring of ECG in pediatric age group, (A) *177*
Hypercarbia in infants with congenital heart disease, *245*
Hypertension, pulmonary, alpha blockade in, *89*
Hyperthyroid children, non-invasive evaluation of myocardial function in, (A) *169*
Hyperthyroidism, cardiac abnormalities in children with, *215*
Hypoplasia, carotid, in oculoauriculovertebral dysplasia, *297*
left ventricular, echocardiographic assessment of aortic root in, *19*

Idiopathic restrictive cardiomyopathy in the young: clinical hemodynamic and M-mode echocardiographic findings, (A) *171*
Infants, preterm, with patent ductus arteriosus, surgical treatment of, *15*
with CHD, hypercarbia in, *245*
Inotropic agents, hemodynamic effects of, in a VSD model, (A) *164*
Interruption of the aortic arch with right descending aorta, *153*
Intraatrial repair of transposition, hemodynamic residua and sequelae of, *203*

Kawasaki disease, prospective evaluation of patients with, (A) *178*
Kinetics of oxygen uptake during light and heavy exercise, (A) *166*

Left ventricular dysfunction, occult, in children with sepsis, (A) *171*
mass in children with hyperthyroidism, *215*
performance in infants and children evaluated by radionuclide angiography, *115*
Levoatriocardinal vein and cor triatriatum, in infancy, *319*

Mitochondria in reoxygenation-induced tissue calcium uptake in rabbit heart, (A) *163*

Mitral valve cleft, in atrioventricular canal, *289*
echocardiogram mimicking atrial tumor, *77*
regurgitation in children with hyperthyroidism, *215*
Monitoring, 24-hour, of ECG in pediatric age group, (A) *177*
Mortality in infants with severe left ventricular outflow obstruction, (A) *170*
M-mode echocardiography in D-transposition of the great arteries, *131*
in idiopathic restrictive cardiomyopathy, (A) *171*
Mucocutaneous lymph node syndrome and coronary artery abnormalities in children with, (A) *177*
Multifocal atrial rhythm in infants, *179*
Muscle bundles, abnormal left ventricular, and dimensional aortic arch anomalies, *107*
Mustard's procedure, right and left ventricular exercise response after, (A) *167*
Myocardial aneurysm associated with disseminated cytomegalovirus infection, *63*
injury in infants with CHD: creatinekinase MB isoenzyme analysis, (A) *172*
perfusion in dogs, effects of left ventricular obstruction on, (A) *164*
function during exercise in sickle cell anemia, (A) *167*
function, effect of heart rate on, in newborn lamb, (A) *174*
function, non-invasive evaluation of, in hyperthyroid children, (A) *169*
Myocardium of newborn piglets, damage to, by direct current countershock, *281*
ventricular, tetanic contraction of, (A) *175*

Neonates and young infants with CHD, prognosis of, (A) *168*
cyanosis in, caused by right pulmonary artery to atrium communication, *149*
2-D echo visualization of aortic arch in, *277*
Newborn dogs, dynamic changes in septal and right and left ventricular shapes in, (A) *165*
infants, normal, cardiac rate and rhythm in, *33*
infants, prostaglandin E_1 infusion in, *95*
lamb, effect of heart rate on myocardial function in, (A) *174*
mammalian hearts, isolated sinoatrial pacemaker cells from, (A) *173*
Non-invasive evaluation of myocardial function in hyperthyroid children, (A) *169*

Obstruction, left ventricular, effect of exercise on myocardial perfusion in dogs, (A) *164*
of pulmonary vein, visualized by pulmonary artery wedge injection, *161*
venous, after intraatrial repair of transposition, *203*
Oculoauriculovertebral dysplasia, cardiac pulmonary and vascular malformations in, *297*
Oxygen uptake kinetics during light and heavy exercise, (A) *166*

Pacemaker cells, sinoatrial, from newborn mammalian hearts, (A) *173*
ventricular, recovery times in heart block, *39*
Patent ductus arteriosus, detection of, by precordial contrast echocardiography, *271*
surgical treatment of, in preterm infants, *15*
Pediatric cardiac patients, exercise program for, (A) *166*
Percutaneous balloon dilatation of experimental neonatal aortic coarctation, (A) *165*
Persistent fetal circulation studied by contrast echocardiography, (A) *175*
Phenothiazines as cause of transient decorticate posture, *251*
Pierre Robin syndrome, congenital heart disease in, *307*
Pompe's disease, conduction system in, *25*
Pre-excitation, electrical, in Wolff-Parkinson-White syndrome, (A) *176*
Preservation of cardiac function in the stressed embryo, (A) *165*
Pressure, pulmonary artery, estimated by ultrasound, *123*
Progress in cardiology (book review), *91*
Prostaglandin E in ductus-dependent CHD, *303*
infusion in newborns with hypoplastic left ventricle and aortic atresia, *95*
Pulmonary arterial branches, unequal pressures in, associated with pulmonary stenosis, *7*
arteriovenous fistula, congenital, causing pulmonary arterial steal syndrome, *313*
artery pressure, estimation by ultrasound, *123*
artery, right, to left atrium communication as cause of cyanosis in newborns, *149*
artery wedge injection for visualizing pulmonary vein obstruction, *161*
hypertension, alpha blockade in, *89*
stenosis, unequal pressures in central pulmonary arterial branches in, *7*
to systemic venous connection, anomalous, and cor triatriatum, *319*
valve echogram and pulmonary arterial pressure, *123*
vascular disease, reversibility of, and pulmonary vascular reactivity, (A) *172*
vascular obstruction after intraatrial repair of transposition, *203*
vascular reactivity and reversibility of pulmonary vascular disease, (A) *172*

vein obstruction visualized by pulmonary artery wedge injection, *161*
Pulsed Doppler echocardiographic detection of coronary artery to right ventricle fistula, *145*

Radial artery injection, countercurrent, for aortography in infants with CHD, *231*
Radionuclide angiocardiography in quantification of atrial septal defect, (A) *168*
angiography for evaluation of left ventricular performance in infants and children, *115*
angiography in post-operative patients with transposition and tetralogy of Fallot, (A) *167*
ejection fraction after open-heart surgery, (A) *168*
Re-oxygenation-induced tissue calcium uptake in rabbit heart, role of mitochondria in, (A) *163*
Renal failure due to bacterial endocarditis (case report), *259*
Respiratory and cardiac distress, atrial right to left shunt in infants without CHD, *1*
Respiratory distress syndrome, use of umbilical catheter localization by 2-D echocardiography in, *237*
Retrograde angiography in infants, *225*
Rhabdomyoma, left ventricular, causing subaortic stenosis (2-D echocardiographic features), *67*
Rhabdomyosarcoma, primary, of the heart, *73*
Rhythm and cardiac rate in normal newborns, *33*
Right bundle branch block in children, catheter induced, site of conduction delay in, (A) *177*
descending aorta and interruption of the aortic arch, *153*
heart to pulmonary artery conduit, hemodynamic findings in patients with, (A) *171*
ventricular apical activation time in children, *47*
Rocky Mountain spotted fever, echocardiographic findings in, (A) *170*

Semilunar valve relationships, anomalous, in transposition, *195*
Sepsis and occult left ventricular dysfunction in children, (A) *171*
Septal defect, ventricular, in atrioventricular canal, *289*
with silent discrete subaortic stenosis, *269*
Septal shape and right and left ventricular shapes in normal newborns, assessment of, (A) *165*
Shunt, atrial right to left, in infants with respiratory and cardiac distress but no CHD, *1*
Siblings, progressive cardiac conduction defect in cardiomyopathy in, *57*
Sickle-cell anemia, myocardial function during exercise in, (A) *167*
Single-ventricle trap: What is a ventricle? *79*
Sinoatrial pacemaker cells from newborn mammalian hearts, (A) *173*
Sinus and AV node dysfunction in secundum ASD, (A) *177*
Steal syndrome, pulmonary arterial, due to congenital pulmonary arterial venous fistula, *313*
Stenosis, subaortic, caused by left ventricular rhabdomyoma (2-D echocardiography), *67*
Subaortic stenosis in left ventricular rhabdomyoma (2-D echocardiography), *67*
silent discrete, in ventricular septal defect, *269*
Subsidiary ventricular pacemaker recovery times in heart block, *39*
Supraventricular tachycardia, esophageal pacing in, (A) *176*
Surgery of congenital heart, ventricular dysrhythmias after, (A) *163*
Sympathetic-vagal interaction in puppies, (A) *174*
Syncope, due to progressive cardiac conduction defect and cardiomyopathy in siblings, *57*
Syndrome, Goldenhar, *297*
Pierre Robin, congenital heart disease in, *307*
Systemic/pulmonary venous connection, anomalous, and cor triatriatum, *319*

Tachycardia, supraventricular, esophageal pacing in, (A) *176*
ventricular, exercise induced, *51*
Technetium pyrophosphate in diagnosis of myocardial damage after direct-current countershock in newborn piglets, *281*
Tetanic contraction of ventricular myocardium, age-related changes in, (A) *175*
Tetralogy of Fallot, radionuclide angiography postoperatively in, (A) *167*
Thermodilution Qp/Qs by catheter technique without radiation, (A) *169*
Transposition of the great arteries, anomalous semilunar valve relationships in, *195*
and associated defects, M-mode echocardiography in, *131*
balloon atrial septostomy in, *255*
hemodynamics after intraatrial repair of, *203*
radionuclide angiography post-operatively in, (A) *167*
Tricuspid atresia: historical review, *85*
valve endocarditis, echocardiographic diagnosis of, *141*
valve incompetence after intraatrial repair of transposition, *203*
valve removal for bacterial endocarditis (case report), *259*
Tumor, atrial, and mitral valve echocardiogram, *77*
Two-dimensional echocardiography for umbilical vascular catheter localization, *237*

Ultrasound estimation of pulmonary artery pressure, *123*

Umbilical arterial catheter localization by 2-D echocardiography, *237*

Valve, mitral, echocardiogram mimicking atrial tumor, *77*
semilunar, relationships in transposition, *195*
Ventricle, definition of (single-ventricle trap), *79*
hypoplastic left, and aortic atresia, prostaglandin E_1 infusion in, *95*
mammalian, during cholinergic innervation, desensitization of, (A) *174*
Ventricular dysfunction, covert, in transposition and tetralogy of Fallot, (A) *167*
Ventricular dysrhythmias after congenital heart surgery (canine model), (A) *163*
in children, treated by intravenous dilantin, (A) *176*
Ventricular hypoplasia, left, echocardiographic assessment of aortic root in, *19*
Ventricular muscle bundles, abnormal left, and concurrence of dimensional aortic arch anomalies, *107*
canine, response to dobutamine, (A) *175*
contractility in children with hyperthyroidism, *215*
Ventricular myocardium, tetanic contraction of, age-related changes in, (A) *175*
apical activation time in children, *47*
contractility, in children with CHD, (A) *170*
dysfunction after intraatrial repair of transposition, *203*
Ventricular obstruction, left, on exercise myocardial perfusion in dogs, (A) *164*
outflow, and mortality (relation of echo-determined left ventricular size to), (A) *170*
tract, after intraatrial repair of transposition, *203*
Ventricular performance using radionuclide angiography, *115*
Ventricular rhabdomyoma causing subaortic stenosis (2-D echocardiography), *67*
Ventricular septal defect in atrioventricular canal, *289*
model, hemodynamic effects of inotropic agents in, (A) *164*
with silent discrete subaortic stenosis, *269*
Ventricular shapes in normal newborns, assessment of, (A) *165*
Ventricular size—related to mortality in severe left ventricular outflow obstruction, (A) *170*
Ventricular tachycardia, exercise-induced, *51*

Wolff-Parkinson-White syndrome, mechanical correlates of electrical pre-excitation in, (A) *176*
Working capacity, physical, of healthy children, (A) *166*

Author Index

(A) = Abstract

Allen, HD (A) 165
Alpert BS: Exercise-Induced Ventricular Tachycardia 51; (A) 166, 167, 169
Amberson JB (*see* Fried R) 313
Anderson PAW (*see* Benson DW, Jr) 39
Anthony CL (A) 170
Apitz J (*see* Schmaltz AA) 73
Appariti K (A) 175
Arcilla RA (*see* Lester LA) 215
Armstrong BE (*see* Benson DW, Jr) 39
Arnon R (A) 175
Atkins DL (A) 174
Azancot A (A) 165
Aziz KU: Echocardiography: Mitral Valve Echocardiogram Mimicking Atrial Tumor 77; M-Mode Echocardiographic Assessment of D-Transposition of the Great Arteries and Associated Defects 131

Baker K (*see* Brenner JI) 115
Balfour I (A) 167
Balsara RK (*see* Schleman M) 259
Bargeron LM, Jr (*see* Bini RM) 161
Barlai-Kovach MM (A) 167
Barnhart DD (*see* Cheatham JP) 149
Baron PJ (A) 175
Barrett FF (A) 170
Bass JL (*see* Fuhrman BP) 57
Baylen BG (*see* Zednikova M) 271; (A) 169
Beerman LB (A) 16, 167
Bennett VL (*see* Pickoff AS) 145
Benson DW, Jr: Heart Block in Children: Evaluation of Subsidiary Ventricular Pacemaker Recovery Times and ECG Tape Recordings 39; (A) 176
Berman MA (*see* Brenner JI) 115; (*see* Ringel RE) 329; (A) 177
Berman W, Jr (A) 170
Bessinger FB, Jr (*see* Fuhrman BP) 245
Bharati S: The Conduction System in Pompe's Disease 25; (A) 173
Bini RM: Visualization of Pulmonary Vein Obstruction by Pulmonary Artery Wedge Injection 161
Blackman MS (*see* Sondheimer HM) 255
Boerth RC (A) 172
Boineau J (*see* Alpert BS) 51
Borkat G (A) 169
Born ML (A) 167
Boucek MM (A) 164, 172
Bowes W (A) 175
Branden G (*see* Oberhaensli I) 123
Breitweser JA (A) 171
Brenken U (*see* Hess J) 319
Brenner JE (*see* Ringel RE) 329
Brenner JI: Evaluation of Left Ventricular Performance in Infants and Children using Radionuclide Angiography 115; (A) 177
Bustamente S (A) 165

Caldwell RL (A) 168
Casta A (*see* Mehta AV) 47; (*see* Cohen G) 251; (*see* Schleman M) 259
Caudell T (A) 165
Chan W (A) 176
Chang R (A) 164
Cheatham JP: Right Pulmonary Artery to Left Atrium Communication. An Unusual Cause of Cyanosis in the Newborn 149; (A) 170
Chittick VL (A) 173, 174
Clark EB (A) 177
Clarke W (A) 168
Clewell W (A) 175
Cohen G: Decorticate Posture Following 'Cardiac Cocktail'—A Transient Complication of Sedation for Catheterization 251
Cohen ML (*see* George L) 237
Colan SD (*see* Liberthson RR) 179
Cole RB (*see* Aziz KU) 131
Cooper RS (*see* LaCorte MA) 289
Cottrell AJ: Alpha Blockade in Pulmonary Hypertension 89
Covitz W: Echocardiographic Assessment of the Aortic Root in Syndromes with Left Ventricular Hypoplasia 19; (A) 167, 168
Cruz SB (*see* Fried R) 313

Dahms W (A) 169
Daily PO (*see* DiSessa TG) 333
Danilowicz D (*see* Rutkowski M) 323
David I (*see* Van Praagh R) 79
DeLeon S (*see* Goessler MC) 141
Dick M (A) 176
Dillon T (A) 170
DiSessa TG: Complex Cyanotic Congenital Heart Disease Correctable with an Intraatrial Baffle 333
Doose LR (A) 165
Dover EV (A) 166
Doyle EF (*see* Rutkowski M) 323
Driscoll DJ (A) 175
DuBrow IW (*see* Bharati S) 25; (*see* Hastreiter AR) 95
Dunnigan A (A) 176

Edwards JE (*see* Mahowald JM) 99; (*see* Mascia Pierpont ME) 153, 297
Edwards SB (*see* Benson DW, Jr) 39
Eggert LD: Surgical Treatment of Patent Ductus Arteriosus in Preterm Infants: Four-Year Experience with Ligation in the Newborn Intensive Care Unit 15
Emmanouilides GC (*see* Zednikova M) 271; (A) 169
Engle ME (*see* Fried R) 313
Epstein ML (A) 173
Eubig C (A) 167, 168, 169
Eygelaar A (*see* Hess J) 319

Farina MA (*see* Spooner EW) 67
Ferrer PL (*see* Mehta AV) 47; (*see* Pickoff AS) 145; (A) 171
Firpo AB (*see* Fried R) 313
Fisher DJ: Ventricular Septal Defect with Silent Discrete Subaortic Stenosis 265; (A) 174
Fisher EA (*see* Hastreiter AR) 95
Flinn C (A) 169
FlorCruz RA (*see* Aziz KU) 131
Foster ED (*see* Spooner EW) 67
French W (A) 169
Fricker FJ (A) 166
Fried R: Congenital Pulmonary Arteriovenous Fistula Producing Pulmonary Arterial Steal Syndrome 313
Friedli B (*see* Oberhaensli I) 123
Friedman WF (*see* DiSessa TG) 333
Fuhrman BP: Progressive Cardiac Conduction Defect and Cardiomyopathy in Siblings with Syncope 57; Hypercarbia in the Infant with Congenital Cardiac Disease 245

Gaba DM: Myocardial Damage Following Transthoracic Direct Current Countershock in Newborn Piglets 281
Garcia OL (*see* Mehta AV) 47; (A) 171
Garson A, Jr (A) 163, 168, 176
Gelband H (*see* Mehta AV) 47; (A) 171, 177
George L: Umbilical Vascular Catheters: Localization by Two-Dimensional Echocardio/Aortography 237; Two-Dimensional Echocardiographic Visualization of the Aortic Arch by Right Parasternal Scanning in Neonates and Infants 277
Gersony WM (A) 171
Gillette PC (A) 176
Girod M (*see* Oberhaensli I) 123; (A) 168
Gittenberger-deGroot AC (*see* Moene RJ) 107; (*see* Oppenheimer-Dekker A) 185
Goessler MC: Echocardiographic Diagnosis of Tricuspid Valve Endocarditis in a Child with a Normal Heart 141
Goldberg JM (A) 173
Goldberg SJ (A) 165
Golinko RJ (*see* LaCorte MA) 289
Goodwin JF (*see* Yu PN) 91
Gorlin RJ (*see* Mascia Pierpont ME) 297
Graham TP, Jr: Hemodynamic Residua and Sequelae Following Intraatrial Repair of Transposition of the Great Arteries: A Review 203; (*see* Parrish MD) 225; (A) 167, 171, 172
Gray B (A) 168
Greco MA (*see* Rutkowski M) 323
Griepp RB (*see* LaCorte MA) 289
Gross DM (A) 174
Groves B (A) 177
Gutgesell HP (*see* Cheatham JP) 149; (A) 168, 170

Hastreiter AR: Prostaglandin E_1 Infusion in Newborns with Hypoplastic Left Ventricle and Aortic Atresia 95
Hermsmeyer RK (A) 173, 174
Hess J: Successful Management of Cor Triatrium Associated with Anomalous Pulmonary/Systemic Venous Connection in Infancy 319
Hesslein P (A) 168
Higgins CE (*see* DiSessa TG) 333
Hirschklau MJ (*see* DiSessa TG) 333
Hordof AJ (A) 171
Horowitz S (A) 165
Hunter S (*see* Cottrell AJ) 89
Hurwitz RA (A) 168
Hutcheon N (*see* Lester LA) 215

Idriss FS (*see* Aziz KU) 131
Isom OW (*see* Rutkowski M) 323

Jaffe R (*see* Sanchez GR) 63
James FW (A) 164
Janos GG (A) 178
Jarmakani JM (A) 163
Jenkins J (A) 176
Jerath R (A) 167
Johnson M (A) 175
Johnson WW (A) 173
Jung AJ (*see* Eggert LD) 15

Kaiser G (*see* Pickoff AS) 145
Kalff V (A) 176
Kaplan S (A) 164, 178
Kasselberg AG (A) 172
Katch VL (A) 166
Katz V (A) 165
Kauffman SL (*see* LaCorte MA) 289
Kavey R-EW (*see* Sondheimer HM) 255
Keane JF (A) 168
Kennedy H (A) 177
Kirkpatrick SE (*see* George L) 237, 277; (*see* DiSessa TG) 333
Klitzner T (A) 163
Krongrad E (A) 171
Kugler JD (A) 177

LaCorte MA: Atrioventricular Canal Ventricular Septal Defect with Cleft Mitral Valve: Angiographic and Echocardiographic Features 289
Latson LA (A) 170
Lauer RM (*see* Mahoney LT) 311; (A) 168
Lawrence C (*see* Fuhrman BP) 57
Lee J (A) 168
Lester LA: Cardiac Abnormalities in Children with Hyperthyroidism 215
Lev M (*see* Bharati S) 25; (A) 173
Levitsky S (*see* Hastreiter AR) 95
Levy MN (A) 174
Liberthson RR: Multifocal or Chaotic Rhythm—Report of Nine Infants, Delineation of Clinical Course and Management, and Review of the Literature 179
Liebman J (A) 169, 174
Lock JE (A) 165
Lucas RV, Jr (*see* Fuhrman BP) 57, 245; (*see* Mahowald JM) 99
Lucky AW (*see* Lester LA) 215

Mace SE (A) 174
Mahoney LT: Spontaneous Closure of a Coronary Artery Fistula in Childhood 311: (A) 177
Mahowald JM: Aortic Valvular Atresia Associated with Cardiovascular Anomalies 99
Marin-Garcia J (A) 170
Marks C (A) 166
Martins FM (*see* Hess J) 319
Marvin WJ, Jr (A) 173, 174
Mascia Pierpont ME: Interruption of the Aortic Arch with Right Descending Aorta 153; Congenital Cardiac, Pulmonary and Vascular Malformations in Oculoauricovertebral Dysplasia 297
Mathews RA (A) 166, 167
McGough EC (*see* Eggert LD) 15
McNamara DG (A) 168
Mehta AV: Right Ventricular Apical Activation Time in Children: Reference Standards for Clinical Use 47; (A) 171
Michael LH (A) 175
Miller RA (*see* Bharati S) 25
Moene RJ: The Concurrence of Dimensional Aortic Arch Anomalies and Abnormal Left Ventricular Muscle Bundles 107
Moller JH (*see* Mascia Pierpont ME) 153, 297
Montague TJ: The Spectrum of Cardiac Rate and Rhythm in Normal Newborns 33
Moore HV (A) 168
Morad M (A) 163
Moschler R (*see* Brenner JI) 115
Moulaert AJ (*see* Moene RJ) 107
Moulton AL (*see* Ringel RE) 329; (A) 177
Murphy JH (A) 167
Muster AJ: Unequal Pressures in the Central Pulmonary Arterial

Branches in Patients with Pulmonary Stenosis: The Influence of Blood Velocity and Anatomy 7; (*see* Aziz KU) 77, 131

Nakanishi T (A) 163
Nakano H (*see* Ueda K) 231
Nazarian H (A) 175
Neches WH (*see* Sanchez GR) 63; (A) 166
Niemi T (A) 165
Nihill MR (A) 172
Nishioka K (A) 163

Oberhaensli I: Estimation of Pulmonary Artery Pressure by Ultrasound: A Study Comparing Simultaneously Recorded Pulmonary Valve Echogram and Pulmonary Arterial Pressures 123
Ogata H (A) 169
O'Loughlin JE (*see* Fried R) 313
Oppenheimer-Dekker A: The Ductus Arteriosus and Associated Cardiac Anomalies in Interruption of the Aortic Arch 185; (*see* Moene RJ) 107
Owens R (A) 169

Pappelbaum SJ (*see* George L) 237, 277
Park IS (A) 168, 175
Park SC (A) 166
Parrish MD: Retrograde Cardiovascular Angiography in Infants Using a 3.6 French Catheter 225; (A) 167, 172
Paul MH (*see* Muster AJ) 7; (*see* Bharati S) 25; (*see* Aziz KU) 131; (*see* Goessler MC) 141
Pearl W: Congenital Heart Disease in the Pierre Robin Syndrome 307
Pearson DT (*see* Cottrell AJ) 89
Pickoff AS: Pulsed Doppler Echocardiographic Detection of Coronary Artery to Right-Ventricle Fistula 145; (*see* Mehta AV) 47; (A) 171
Pieroni DR: Atrial Right-to-Left Shunt in Infants with Respiratory and Cardiac Distress but without Congenital Heart Disease 1
Pitt B (A) 176
Pokora TJ (*see* Fuhrman BP) 245

Rademaker DA (A) 165
Ramos A (A) 177
Rao PS (*see* Covitz W) 19; (A) 167
Rashkind WJ: Tricuspid Atresia: A Historical Review 85
Reder R (A) 175
Reyes L (*see* Covitz W) 19
Rezende J (A) 175
Rich BH (*see* Lester LA) 215
Riggs TW (*see* Goessler MC) 141; (A) 169
Ringel RE: Systemic Atrioventricular Valve Replacement in Infancy 329
Roberts GS (A) 177
Rocchini A (A) 166
Roozendaal H (*see* Moene RJ) 107; (*see* Oppenheimer-Dekker A) 185
Rosen K (*see* Bharati S) 25
Rosenquist GC. Anomalous Semilunar Valve Relationships in Transposition of the Great Arteries 195; (A) 165
Roy DL (*see* Montague TJ) 33
Ruckman RN (A) 165
Rutkowski M: Successful Excision of an Atrial Fibroma in a Four-Month-Old Male Infant 323
Ruttenberg HD (*see* Eggert LD) 15

Sady S (A) 166
Sahn DJ (A) 165
Saito A (*see* Ueda K) 231
Sanchez GR: Myocardial Aneurysm in Association with Disseminated Cytomegalovirus Infection 63
Sandra A (A) 173
Sanyal SK (A) 173
Sapire DW (*see* Cohen G) 251
Scagnelli S (A) 165
Schieken RM (*see* Mahoney LT) 311
Schiller MS (*see* LaCorte MA) 289
Schleman M: Bacterial Endocarditis and Renal Failure in a 10-Year-Old Boy 259
Schmaltz AA: Primary Rhabdomyosarcoma of the Heart: A Case Report 73
Schrott HG (A) 168
Schwartz DC (A) 178
Segall ML (*see* George L) 237
Sehnert E (A) 170
Sellers BB (A) 168
Sepehri B (*see* Hastreiter AR) 95
Serratto M (*see* Bharati S) 25
Serwer GA (*see* Benson DW, Jr) 39
Shaher RM (*see* Spooner EW) 67
Shelnutt R (A) 168
Silove ED: Administration of E-Type Prostaglandins in Ductus-Dependent Congenital Heart Disease 303
Silverman NH: Echocardiography: Cardiac Enlargement in a Normal Infant 263; (*see* Fisher DJ) 265
Singh S (A) 171
Smith CW (*see* Parrish MD) 225
Smith ER (*see* Montague TJ) 33
Snider AR (*see* Silverman NH) 263; (*see* Fisher DJ) 265
Sniderman KW (*see* Fried R) 313
Sodt PC (*see* Lester LA) 215
Sondheimer HM: Fatal Over-Distension of an Atrioseptostomy Catheter 255
Sorensen GK (A) 171
Spach MS (*see* Benson DW, Jr) 39
Spooner EW: Left Venticular Rhabdomyoma Causing Subaortic Stenosis—the Two-Dimensional Echocardiographic Appearance 67
Stanger P (*see* Fisher DJ) 265
Steeg CN (A) 171
Steinfeld L (A) 175
Sterba R (*see* Benson DW, Jr) 39; (A) 176
Stockton R (*see* Montague TJ) 33
Stoll C (A) 165
Strong WB (*see* Alpert BS) 51; (A) 166, 167
Strong WR (*see* Covitz W) 19
Sweeney LJ (*see* Rosenquist GC) 195
Swiryn S (*see* Bharati S) 25
Synhorst DP (A) 164

Talabi A (*see* Cohen G) 251
Talner NS (*see* Gaba DM) 281
Tamer DF (*see* Mehta AV) 47; (A) 171
Taylor PG (*see* Montague TJ) 33
Thompson S (*see* Parrish MD) 225
Thrall J (A) 176
Toews W (A) 177
Treves S (A) 168
Truman AT (A) 168
Turner SW (*see* George L) 237, 277

Ueda K: Aortography by Countercurrent Injection via the Radial Artery in Infants with Congenital Heart Disease 231

Valdes-Cruz LM (*see* Pieroni DR) 1; (A) 165

van de Horst RL (*see* Hastreiter AR) 95
Van Grondelle A (*see* Muster AJ) 7
Van Praagh R: What is a Ventricle? The Single-Ventricle Trap 79
Van Praagh S (*see* Van Praagh R) 79
Vergesslich KA (A) 171

Waldman JD (*see* George L) 237, 277
Wenink ACG (*see* Moene RJ) 107
Wessell HU (*see* Aziz KU) 131
Whitmer JT (A) 164
Wiggins JW (A) 175, 177
Wolfe RR (A) 175, 177
Wolff GS (*see* Mehta AV) 47; (*see* Pickoff AS) 145; (A) 171, 177

Yabek SM (A) 170
Yoshida Y (*see* Zednikova M) 271
Yu PN: Progress in Cardiology (Vol. 8) ed. (BR) 91

Zednikova M: Precordial Contract Echocardiographic Detection of Patent Ductus Arteriosus in Small Preterm Infants 271
Zollikofer CL (*see* Mascia Pierpont ME) 153